

REPLACEMENT ABSTRACT

Abstract

~~In a disclosed embodiment, signal levels of the active sectors of an access terminal are compared with the signal level of the current serving sector of the access terminal. Next, a delta credit is accumulated. If a DRC lock bit is available, then an accumulated total credit is authorized to produce an authorized accumulated total credit. Afterwards, a new serving sector is identified from a pool of candidate sectors based on the signal levels of the active sectors and the authorized accumulated total credits.~~

Abstract

An apparatus for selecting a best serving sector in a CDMA communication system. A comparator compares a plurality of signal levels received from a plurality of active sectors with a signal level of a current serving sector to produce a difference. A delta generator is coupled to the comparator that generates a delta credit for each of the plurality of active sectors based on the difference. An accumulator is coupled to the delta generator and accumulates a plurality of delta credits to produce an accumulated total credit. A best sector identifier that is coupled to the accumulator identifies the best serving sector from the accumulated total credit.